

# INTERNATIONAL SEARCH REPORT

International Application No  
PC, -'2005/015500

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 H04B3/54		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELD OF THE INVENTION</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B		
Documentation searched other than <i>minimum</i> documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 2004/070912 A1 (KOPP LOWELL ELLIS) 15 April 2004 (2004-04-15) paragraphs '0017!', '0026!', '0032!', '0037!', '0039!'	1-12
A	US 2004/160990 A1 (LOGVINOV OLEG ET AL) 19 August 2004 (2004-08-19) paragraphs '0009!', '0036!'	1-12
<b>D</b> Further documents are listed in the continuation of box C <input checked="" type="checkbox"/> Patent family members are listed in annex		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 5 October 2005		Date of mailing of the international search report 11/10/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer De Iulius, M

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Information on patent family members

International Application No  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004070912	A1	15-04-2004	NONE
US 2004160990	A1	19-08-2004	NONE